WHAT IS CLAIMED IS:

- 1. A method of manufacturing a corn zein resin article comprising:
- (a) forming a wet corn zein resin comprising:
 - (i) corn zein, and
- (ii) about 20 to about 100 parts by weight of a fatty acid, per 100 weight parts of the corn zein;
- (b) cold rolling the wet zein resin to provide a wet zein sheet of a predetermined thickness,
- (c) drying the wet zein resin sheet at a temperature of about 40°C to about 90°C and a relative humidity of about 5% to about 20% to provide a dry zein resin;
- (d) optionally grinding the dry zein resin to form particles of the dry zein;
- (e) extruding the dry zein resin of step(c) or step (d) to form pellets of the dry zein resin; and
- (f) forming the dry zein resin pellets under pressure and at a temperature of about 80°C to about 150°C to provide a zein resin article.
- 2. The method of claim 1 wherein the forming step (f) comprises extruding.
- 3. The method of claim 1 wherein the forming step (f) comprises blowing.

- 4. The method of claim 1 wherein the forming step (f) comprises thermoforming.
- 5. A method of manufacturing a corn zein resin article comprising:
- (a) forming a wet corn zein resin comprising:
 - (i) corn zein, and
- (ii) about 20 to about 100 parts by
 weight of a fatty acid, per 100 weight parts of the
 corn zein;
- (b) cold rolling the wet zein resin to provide a wet zein sheet of a predetermined thickness,
- (c) drying the wet zein resin sheet at a temperature of about 40°C to about 90°C and a relative humidity of about 5% to about 20% to provide a dry zein resin;
- (d) optionally grinding the dry zein resin to form particles of the dry zein;
- (e) forming the dry zein resin of step(a) or step (b) under heat and pressure into an article.

- 6. A method of manufacturing a corn zein resin sheet comprising:
- (a) forming a wet corn zein resin comprising:
 - (i) corn zein, and
- (ii) about 20 to about 100 parts by
 weight of a fatty acid, per 100 weight parts of the
 corn zein;
- (b) cold rolling the wet zein resin to provide a wet zein sheet of a predetermined thickness,
- (c) drying the wet zein resin sheet at a temperature of about 40°C to about 90°C and a relative humidity of about 5% to about 20% to provide a dry zein resin;
- (d) optionally grinding the dry zein resin sheet to form particles of the dry zein resin;
- (e) molding the dry zein resin of step(c) or step (d) under heat and pressure to provide a zein resin article.
- 7. The method of claim 6 wherein molding step (e) comprises extrusion and the zein resin article is a sheet, and the sheet is subjected to a second forming step under heat and pressure to provide a second article of manufacture.

- 8. A method of manufacturing a corn zein resin article comprising:
- (a) forming a wet corn zein resin comprising:
 - (i) corn zein, and
- (ii) about 20 to about 100 parts by weight of a fatty acid, per 100 weight parts of the corn zein;
- (b) cold rolling the wet zein resin to provide a wet zein film of a predetermined thickness,
- (c) drying the wet zein resin film at a temperature of about 40°C to about 90°C and a relative humidity of about 5% to about 20% to provide a dry zein resin film;
- (d) optionally grinding the dry zein resin film to form particles of the dry zein resin;
- (e) heating the dry zein resin of step(c) or step (d) at a sufficient temperature for a sufficient time to melt the dry zein resin particles and form a zein resin mass;
- (f) cold rolling the zein resin mass to provide a zein resin sheet of a predetermined thickness; and
- (g) forming the zein resin sheet at a temperature of about 60°C to about 120°C and under pressure to provide the article.
- 9. The method of claim 8 wherein forming step (g) comprises hot rolling.
- 10. The method of claim 8 wherein forming step (g) comprises hot pressing.

- 11. The method of claim 8 wherein forming step (g) comprises thermoforming.
- 12. An article of manufacture prepared from a corn zein resin manufactured by the method of claim 1.
- 13. An article of manufacture prepared from a corn zein resin manufactured by the method of claim 7.
- 14. An article of manufacture prepared from a corn zein resin manufactured by the method of claim 8.
- 15. An article of manufacture prepared from a corn zein resin manufactured by the method of claim 10.